

**Task Order Statement of Work**  
**EPA Region 8 ERRS Contract No. EP-S8-13-02**  
Environmental Restoration, L.L.C.  
08/12/15

**Name:** Gold King Mine Release

**Task Order No.** 077

**On-Scene Coordinator:** Steve Way (303)312-6723/Hays Griswold/Pete Stevenson

**Site Name:** Gold King Mine Release

**Superfund Site ID (SSID):** A8K9

**Federal Project Number (FPN):** Not Applicable

**City/County/State:** Silverton/Colorado

**Removal Type:** Classic Emergency

**Funding Source:** Removal

**Anticipated Start Date:** 08/06/2015

**Anticipated End Date:** 11/30/2015

The conditions at the Gold King Mine Release present an endangerment to human health and the environment and meet the criteria for initiating a removal action under 40 CFR section 300.415(b)(2). All activities directed by EPA's On-Scene Coordinator must remain consistent with The National Oil and Hazardous Substances Pollution Contingency Plan (40 CFR 300).

## **Background**

On August 5, 2015, an EPA team working to investigate and address contamination at the Gold King Mine in San Juan County, Colorado, unexpectedly triggered a large release of mine waste water into the upper portions of Cement Creek which is a tributary to the Animas River. Estimates are that the release contained approximately three million gallons of water that was held behind unconsolidated debris near an abandoned mine portal.

The large pulse of water dissipated later that day. The adit is still discharging lower flows into Cement Creek. EPA is rebuilding settling ponds to treat these flows. EPA will treat the mine water diverted to the ponds with caustic soda and flocculent once the ponds are built.

## **Objectives**

The purpose of this Removal Work is to: Provide drinking water for human consumption and for livestock; continue construction of the settling ponds and emergency treatment of the mine discharge; and provide for removal of sediments at irrigation system intakes. Additional tasks include

1. Provide site security
2. Provide office space
3. Provide mine waste rock removal and mine dump stabilization as directed by the OSC.
4. Stabilize adit mouth and construct portal as per design specifications.
5. Provide an operating temporary mine water treatment system capable of treating the mine water at a potential flow of 1000 gpm on or before September 15. The water quality of effluent to be determined by EPA. (The system needs be operable through the at least the next 12 months.)
6. Provide contracting with County to repair road damage from mine blow out.

### **Data Requirements**

All environmental data including site characterization and waste characterization, mitigation, and disposal that is collected, generated, and used will be documented by the START 4 contractor in accordance with the Weston Quality Management Plan (QMP) Sections 2.3 and 7.0 (May 2013). The ERRS contractor will not be gathering the environmental data.

Sampling and hazardous categorization of wastes? No.

### **Activities Under Contract Statement-of-Work: The contractor shall accomplish the following tasks as required under the Contract:**

1. Project Planning (SOW II.A.1)
  - Provide a detailed work plan to accomplish the project in the most effective, efficient and safe manner based on existing information. This work plan shall, at a minimum, define the types and quantities of cleanup personnel, equipment and materials that will be needed, the proposed project schedule by sub-task, and the estimated cost.
  - Provide a detailed Health and Safety Plan to protect the workers on-site from the hazards with the contaminants and physical threats associated with the removal actions.
2. Containment, Countermeasures, Emergency and Removal Response (SOW II.A.2)

Provide drinking water for human consumption and for livestock; continue construction of the settling ponds and emergency treatment of the mine discharge; and provide for removal of sediments at irrigation system intakes. Additional tasks include

1. Provide site security by 8/15/15
2. Provide office space.
3. Provide mine waste rock removal and mine dump stabilization as directed by the OSC.
4. Stabilize adit portal and construct portal as per design specifications.

5. Provide a portable water treatment system capable of treating the mine water at a potential flow of 1000 gpm. The water quality of effluent to be determined by EPA.
6. Develop contingency plans for short-term and long-term conditions.
7. Provide an interim sludge management system.
8. Provide onsite geotechnical engineering support for evaluating ground support and portal construction plans and operations.

3. Decontamination, Response Mitigation (SOW II.A.3)

4. Treatment and Transportation and Disposal Operations (SOW II.A.4)

5. Restoration and Soil Stabilization (SOW II.A.5)

6. Analytical Services (SOW II.A.6)

7. Demolition Services (SOW II.A.7)

8. Construction and Support Facilities in Support of Removal Actions (SOW II.A.8)

9. Marine Operations (SOW II.A.9)

NA.

10. Trans-boundary Response (SOW II.A.10)

NA.

11. Response Times (SOW II.A.11)

NA.

12. Regional Cross-Over (SOW II.A.12)

NA.

## **Deliverables**

Detailed Work Plan	TBD by OSC
Health and Safety Plan	TBD by OSC
Construction & Implementation	N/A
Daily Work Orders	Daily
Daily Cost Summary Reports (55s)	Daily
Develop QA Project Plan in accordance with EPA QA/R-5	N/A
Removal Activities Report	NLT 30 days after Demobilization
Final Daily Cost Summary Report (55s)	NLT 60 days after Demobilization

### **Schedule**

This work began on 08/06/2015 and is estimated to end on or before 11/30/2015.

### **Other Task Order Requirements**

1. Provide for application of Service Contract Act Labor rates and David-Bacon Labor rates in consultation with the R8 ERRS Contracting Officer.
2. Provide all site cost documentation within 60 days after demobilization date, with the exception of 'pending costs.' Use RCMS Windows Version 2.0 for Site cost accounting purposes.

